

FORM PTO-1449
**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION PURSUANT TO
37 CFR §1.97 & 1.98**

Docket Number:	Serial Number:
4670-178	
Applicant:	
Filing Date:	Group:

U. S. PATENT DOCUMENTS

Examiner Initial	Patent No.	Date	Name	Class	Subcl	Filing Date If Approp.
I A	6,308,036	12001	Taniyama, et al.			
I B	6,298,217	12001	Murayama, et al.			
I C	6,266,511	12001	Murakami, et al.			
I D	6,154,619	12000	Boeckholdt, et al.			
I E	6,014,541	12000	Kato, et al.			
I F	5,995,774	11999	Applegate, et al.			
I G	5,937,235	11999	Huss, et al.			
I H	5,933,690	11999	Sugimoto, et al.			
I I	5,923,931	11999	Kishimoto			
I J	5,918,085	11999	Rottins, et al.			
I K	5,875,382	11999	Inoue			
I L	5,708,952	11998	Taniguchi, et al.			
I M	5,634,186	11997	Villalobos-Garcia, et al.			
I N	5,617,195	11997	Torimaru, et al.			
I O	5,594,541	11997	Bonislawski, Jr., et al.			
I P	5,585,894	11996	Araya, et al.			
I Q	5,541,714	11996	Watanabe, et al.			
I R	5,534,988	11996	Gerbasi			
I S	5,500,716	11996	Morishita, et al.			
I T	5,444,522	11995	Owens, Jr.			
I U	5,440,376	11995	Hagihara			
I V	5,400,127	11995	Arai et al.			
I W	5,383,578	11995	Nishimura			
I X	5,355,199	11994	Bray			
I Y	5,341,199	11994	Thorpe, et al.			
I Z	5,309,211	11994	Yoshioka			
IAA	5,260,755	11993	Hmaizumi			
IBB	5,138,394	11992	Watanabe, et al.			
ICCI	5,132,740	11992	Okamoto, et al.			
IDD	5,130,756	11992	Taniyama			
IEE	5,128,724	11992	Hayashi, et al.			
IFF	5,113,227	11992	Miyasaka			
IGG	5,031,001	11991	Kusumoto			
IHH	4,985,734	11991	Honda, et al.			
I II	4,982,231	11991	Matsuuchi			
I JJ	4,982,230	11991	Ogura, et al.			
IKK	4,974,031	11990	Kolso, et al.			
ILL	4,891,678	11990	Ishizu, et al.			

EXAMINER

William J. Royer

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12/10/04

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Docket Number:	Serial Number:
14670-178	
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U. S. PATENT DOCUMENTS (Cont'd.)

Examiner	Initial	Patent No.	Date	Name	Filing Date	Class	Subcl	If Approp.
	IMM	4,958,196	1990	Fujii et al.				
	INN	4,941,022	1990	Ohmura, et al.				
	I00	4,870,449	1989	Brown				
	IPP	4,849,791	1989	Hagihara et al.				
	IQQ	4,819,578	1989	Koiso, et al.				
	IRR	4,819,030	1989	Shibano				
	ISS	4,711,561	1987	Tsuruoka				
	ITT	4,660,960	1987	Fukunaga, et al.				
	IUU	4,650,312	1987	Vineski				
	Ivv	4,630,653	1986	Kan				
	Iww	4,627,716	1986	Oka				
	Ixx	4,601,569	1986	Garris				
	Iyy	4,593,997	1986	Fox, et al.				
	Izz	4,530,594	1985	Adachi				
	IAAAI	4,496,413	1984	Oka				
	Iaabai	4,251,155	1981	Schnall, et al.				
	Ieeci	4,281,918	1981	Fortmann				
	Ibddi	4,090,824	1977	Smith				
	IEEEI	4,029,047	1977	Bell				
	IPFFI	3,927,937	1975	de Keyzer				
	Iggci	3,924,566	1975	Dennie				
	IhhhI	3,483,679	1969	Balbierer				

FOREIGN PATENT DOCUMENTS

	Patent No.	Date	Name	Translation			
				Class	Subcl	Yes	No

OTHER DOCUMENTS (including author, title, date, pages, etc.)

WJR III | US 2003/0044192 A1; March 6, 2003; Brown et al.; Serial Drive Sensing Fault
| Cleaning Device Detector; 10 pas.

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DATE CONSIDERED

12/10/04

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation not in conformance and not considered. Include copy of this form with next communication to the applicant.